

inventors had possession of the claimed invention. More particularly, the Examiner stated that it is unclear as to how a reflecting polarizing film can be formed by laminating a transparent scattering layer and a light absorbing layer because the function of the transparent scattering layer is to scatter or diffuse light while the function of the light absorbing layer is to absorb light. However, the specification clearly points out that the combination may be used as a reflecting polarizing film and provides a specific example of a commercial product having this construction and used for this purpose. Thus, Applicant traverses the rejection and respectfully submits that one skilled in the art would be able to incorporate a laminated combination of a transparent scattering layer and a light absorbing layer to form a reflecting polarizing film.

In the Office Action, the Examiner rejected Claim 2 under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter that Applicants regard as the invention. The Examiner stated that it is unclear whether the reflecting polarizing film has an absorption axis or reflection axis, as compared to the absorbing type polarizer. However, the transparent scattering layer, and thus the reflecting polarizing film, has an absorption axis (which has the same function as an absorption axis of a polarizing plate). The Examiner further rejected Claim 2 as failing to particularly point out and distinctly claim the subject matter that Applicants regard as the invention because the positive angle range of $+35^{\circ}$ to $+55^{\circ}$ appears to be inconsistent with the previously recited negative angle ranges of -40° to -60° and -65° to -85° although they are all measured in the same counterclockwise direction as viewed from the side of incident light. Applicant has amended " $+35^{\circ}$ to $+55^{\circ}$ in the counterclockwise direction" to $--305^{\circ}$ to -325° in the clockwise direction-- and submits that the amendment overcomes the 35 U.S.C. §112, second paragraph rejection.

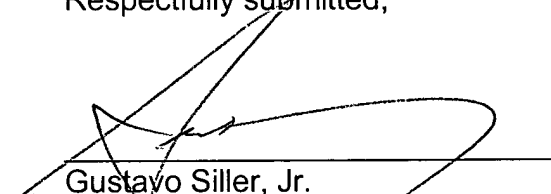
Amended Claim 1 recites a reflection liquid crystal display that comprises a first transparent substrate, a second transparent substrate disposed opposite to the first transparent substrate and a liquid crystal layer sandwiched between the first and the second transparent substrates. A first transparent electrode layer is formed on an inner surface of the first transparent substrate and a first alignment layer is formed on the first transparent electrode layer. A reflecting polarizing film includes a laminated

combination of a transparent scattering layer and a light absorbing layer and is disposed below the outer surface of the first transparent substrate. The transparent scattering layer is composed of a polyester resin and the light absorbing layer is composed of acrylic resin with a black coating. The black coating is arranged on an outer side of the laminated combination. A second transparent electrode layer is formed on an inner surface of the second transparent substrate and a second alignment layer is formed on the second transparent electrode layer. A phase plate is placed on an outer surface of the second transparent substrate and a polarizing plate is placed on the second transparent substrate. Advantages of the reflection LCD recited in amended Claim 1, as opposed to prior art reflection LCDs, include the improvement of the brightness of the display and improvement in red and green color purity in the display.

Conclusion

In view of the amendments and arguments above, Applicant respectfully submits that all of the pending claims are in condition for allowance and seeks an early allowance thereof. If for any reason the Examiner is unable to allow the application in the next Office Action and believes that a telephone interview would be helpful to resolve any remaining issues, he is respectfully requested to contact the undersigned attorneys.

Respectfully submitted,



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